

1 **(August 6, 2001)**

2 **General Requirements for Weighing Equipment**

3 Section 1-09.2(1) is revised to read as follows:

4
5 Any highway or bridge construction materials to be proportioned or
6 measured and paid for by weight, shall be weighed on scales. These
7 materials include natural, manufactured or processed materials obtained
8 from natural deposits, stockpiles, bunkers, or mixing plants. The Contractor
9 shall provide, set up, and maintain the scales necessary to perform the
10 weighing or shall designate permanently installed, certified commercial
11 scales for the purpose. Each truck to be weighed shall bear a unique
12 identification number. This number shall be legible and in plain view of both
13 the scale operator and the person receiving the material at the jobsite.
14 Scales provided or designated by the Contractor shall be accurate to within
15 one-half of one percent throughout the range of use.

16
17 An agent of the scale manufacturer shall test and service any scale before
18 its use at each new site and then at 6-month intervals. The Contractor shall
19 provide the Engineer a copy of the final results after each test.

20
21 All initial weighing at the dispatch site or at another site approved by the
22 Engineer shall be performed by a Contractor employee or by another
23 person designated by the Contractor. The designated weigher shall
24 prepare a weigh or load ticket to accompany each load. Each ticket shall
25 contain the truck identification number, the date and time of weighing the
26 load, a description of the material being weighed and the signature or
27 initials of the weigher.

28
29 Each weigh or load ticket shall also contain a determination of the net
30 weight of the load. This shall be a reading from any device which weighs
31 as material is loaded or a calculation including gross weight and tare weight
32 when the method of loading does not include weighing. It shall also identify
33 the weighed material. When used, tare weights shall be taken of each
34 hauling vehicle at least twice a day. The ticket shall be provided to the
35 inspector at the jobsite immediately after the material is delivered.

36
37 Except as noted below, all weighing shall be subject to confirmation testing
38 through random checks made with a separate scale. The secondary scale
39 shall be described in the contract provisions, either as a designated
40 independent commercial scale or as a platform scale installed by the
41 Contractor at a location named in the provisions. The inspector will select
42 loaded trucks at random and weigh them with the secondary scale. The
43 same trucks will be weighed empty when the tested load has been
44 delivered. The frequency of confirmation testing will be such that at least
45 one test is performed for each contract item paid by weight for each
46 \$50,000 of payment for that item and at least one test weekly for each
47 weighed contract item performed during that week.

48
49 Confirmation testing will not be routinely conducted for small quantities of
50 weighed material. A small quantity shall be defined as one whose
51 estimated proposal quantity, multiplied by its unit price, has a value of less
52 than \$20,000. The inspector may choose to apply confirmation testing to a

- 1 minor quantity item if, in the inspector's judgment, there is reason to
- 2 suspect that the ticket weight might be incorrect.